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|---|-------------|--|--|------------|---------------------------------|---|---------|---------------------|---------|---------|-------------|------------|
| Exhibit P-40, Budget Item Justification Sheet | | | | | | | | Date: February 2004 | | | | |
| Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Communications and Electronics Equipment (4) | | | | | | P-1 Item Nomenclature: TACTICAL REMOTE SENSOR SYSTEM PIP | | | | | | |
| Program Elements for Code B Items: 0206313M Marine Corps Communication Equipment | | | | Code: A | Other Related Program Elements: | | | | | | | |
| | Prior Years | | | FY 2003 | FY 2004 | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | To Complete | Total Prog |
| Proc Qty | | | | | | | | | | | | |
| Gross Cost | 0.0 | | | 0.0 | 9.4 | 10.6 | 20.0 | 18.7 | 16.4 | 13.8 | Cont | Cont |
| Less PY Adv Proc | | | | | | | | | | | | |
| Plus CY Adv Proc | | | | | | | | | | | | |
| Net Proc (P-1) | 0.0 | | | 0.0 | 9.4 | 10.6 | 20.0 | 18.7 | 16.4 | 13.8 | Cont | Cont |
| Initial Spares | 0.0 | | | 0.0 | 0.2 | 0.3 | 0.3 | 0.7 | 0.3 | 0.2 | Cont | Cont |
| Total Proc Cost | 0.0 | | | 0.0 | 9.6 | 10.9 | 20.4 | 19.4 | 16.7 | 14.0 | Cont | Cont |
| Flyaway U/C | | | | | | | | | | | | |
| Wpn Sys Proc U/C | | | | | | | | | | | | |

Tactical Remote Sensor System (TRSS-PIP) - will provide all weather direction, location determination, targeting, and tactical indications and warning of enemy activity in the Marine Air Ground Task Force (MAGTF) Commander's Area of Interest. The TRSS-PIP is an equipment suite consisting of three primary sub-systems: Unattended Ground Miniature Sensors (UGMS); Relay Systems; and monitoring systems. The sensor systems will include seismic/acoustic sensors, electro-magnetic sensors, infrared (passive) sensors; and air-delivered sensors. The relay systems include dual channel duplex commandable and single channel repeaters. The monitoring system includes the Sensor Mobile Monitoring System (SMMS). The composition of the three sub-systems are comprised of several individual components. As the Product Improvement Program proceeds, upgrading of individual components will occur on an as needed basis. The Sensor Mobile Monitoring System is procuring software upgrades in FY05 and procuring new components for the SMMS in FY08.

| Exhibit P-5, Weapon WPN SYST Cost Analysis | | | Appropriation/ Budget Activity/Serial No: Procurement, Marine Corps (1109) / Communications and Electronics Equipment (4) | | | P-1 Line Item Nomenclature: TACTICAL REMOTE SENSOR SYSTEM PIP | | | Weapon System Type: | | | Date: February 2004 | |
|---|----------|--|---|--|-----------|--|----------|-----------|---------------------|----------|-----------|------------------------|----------|
| Weapon Svstem Cost Elements | ID CD | | | | FY 03 | | | FY 04 | | | FY 05 | | |
| | | | | | TotalCost | Qty | UnitCost | TotalCost | Qty | UnitCost | TotalCost | Qty | UnitCost |
| | | | | | \$000 | Each | \$ | \$000 | Each | \$ | \$000 | Each | \$ |
| UGMS | | | | | | | | | | | | | |
| - Thermal Imagers | | | | | | | | 8531 | 350 | 24373 | 3967 | 155 | 25594 |
| - Seismic/Acoustic Intrusion Detectors | | | | | | | | | | | 523 | 68 | 7691 |
| - Infrared Intrusion Detectors | | | | | | | | | | | | | |
| - Electro/Magnetic Intrusion Detector | | | | | | | | | | | | | |
| - EMPDS | | | | | | | | | | | | | |
| - Satellite Communications Modules | | | | | | | | | | | 360 | 100 | 3600 |
| - Advanced Air Delivered Sensors | | | | | | | | | | | 4500 | 30 | 150000 |
| Sensor Mobile Monitoring System | | | | | | | | | | | | | |
| Test Set | | | | | | | | | | | 69 | 17 | 4059 |
| Test Set Modifications | | | | | | | | | | | | | |
| - J Boxes | | | | | | | | | | | | | |
| Air Relay/Air Recovery | | | | | | | | | | | | | |
| Mobile Sensors | | | | | | | | | | | | | |
| UAV Delivered Sensors | | | | | | | | | | | | | |
| Alternative Power | | | | | | | | | | | | | |
| Integrated Logistics Support | | | | | | | | | | | | | |
| - Technical Documentation | | | | | | | | 304 | | | 483 | | |
| - Project Management | | | | | | | | 571 | | | 720 | | |
| TOTAL | | | | | | | | 9406 | | | 10622 | | |
| ACTIVE | | | | | | | | 9406 | | | 10622 | | |
| RESERVES | | | | | | | | | | | | | |